

## Chapter 1 Outline:

Describe the basic functions of living organisms.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

Define anatomy and physiology, and describe the various specialties within each discipline.

- Anatomy:
  - Gross anatomy:
    - Surface anatomy:
    - Regional anatomy:
    - Systemic anatomy:
  - Microscopic anatomy:
    - What is cytology?
    - What is histology?
- Physiology:
  - Human physiology:
  - Cell physiology:
  - Special physiology:
  - Systemic physiology:
  - Pathology:

**Describe how negative and positive feedback is involved in homeostatic regulation.**

- Negative feedback:
  - Description:
  
  
  - Example:
  
- Positive feedback:
  - Description:
  
  
  - Example:

**Describe a human in proper anatomical position:**

**Use anatomical terms to describe body sections, body regions, and relative positions.**

Ex: The small intestine is inferior to the cranium.

- Anterior/ventral:
  
  
- Posterior/dorsal:
  
  
- Cranial:
  
  
- Superior:
  
  
- Caudal:
  
  
- Inferior:
  
  
- Medial:
  
  
- Lateral:
  
  
- Proximal: